

Figure 1

Human type IX collagen molecule 3α

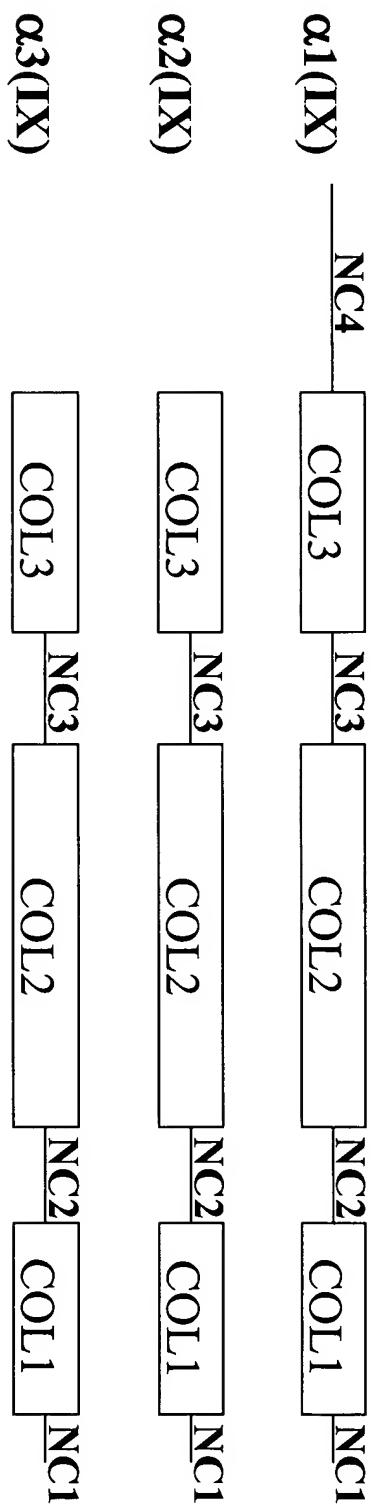
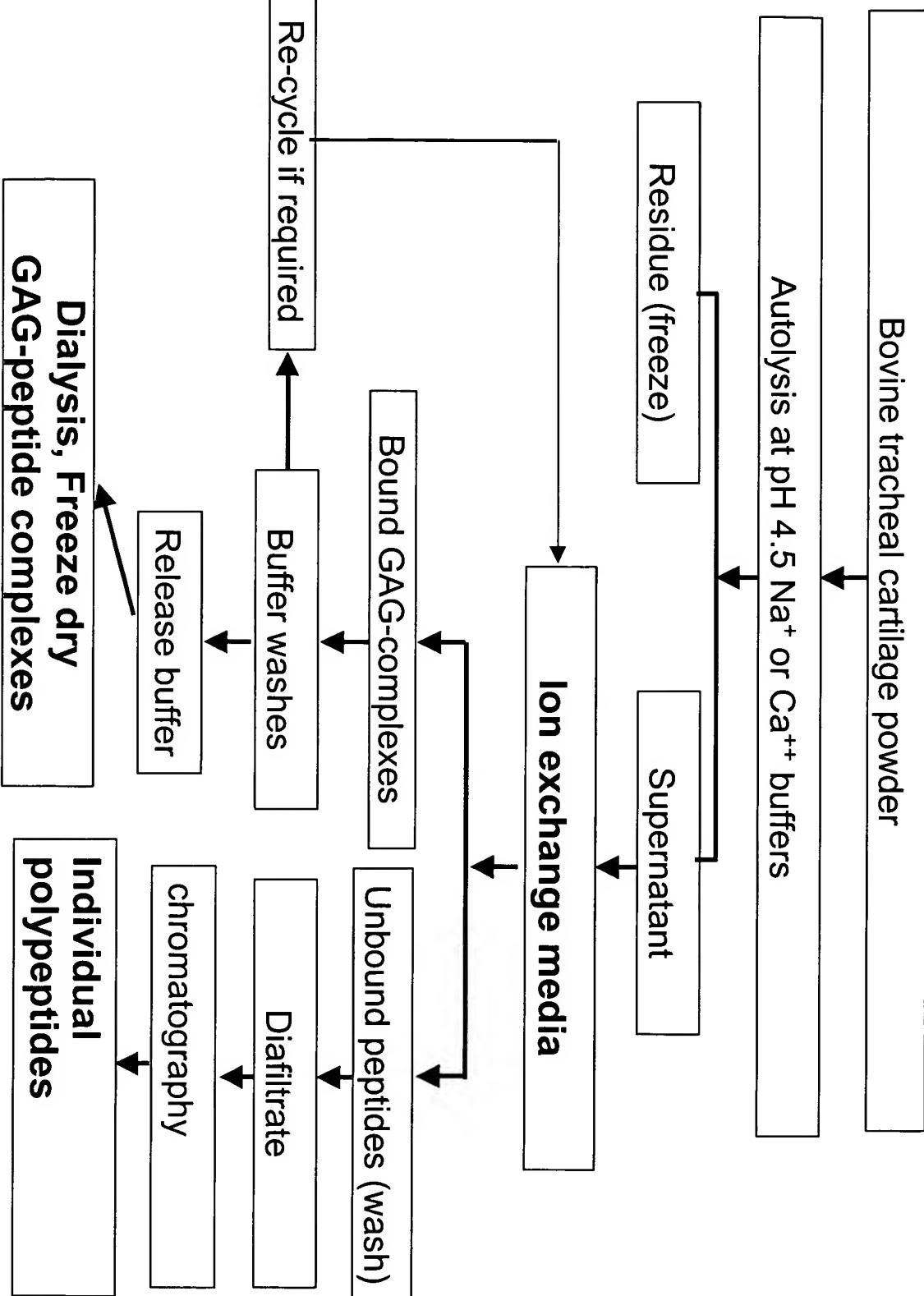


Figure 2

Fractionation of Peptacans into GAG-peptides and Polypeptides

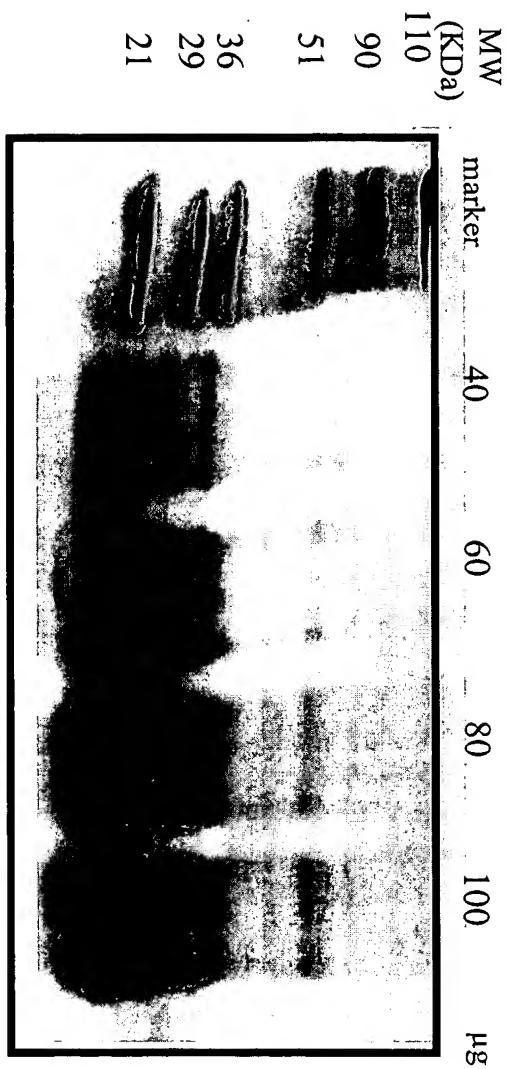


BEST AVAILABLE COPY

Inventor: Peter GHOSH
Docket No.: 10682.001USWO
Title: CONNECTIVE TISSUE DERIVED POLYPEPTIDES
Attorney Name: Denise M. Keitelberger
Phone No.: 612.371.5268
Sheet 3 of 7

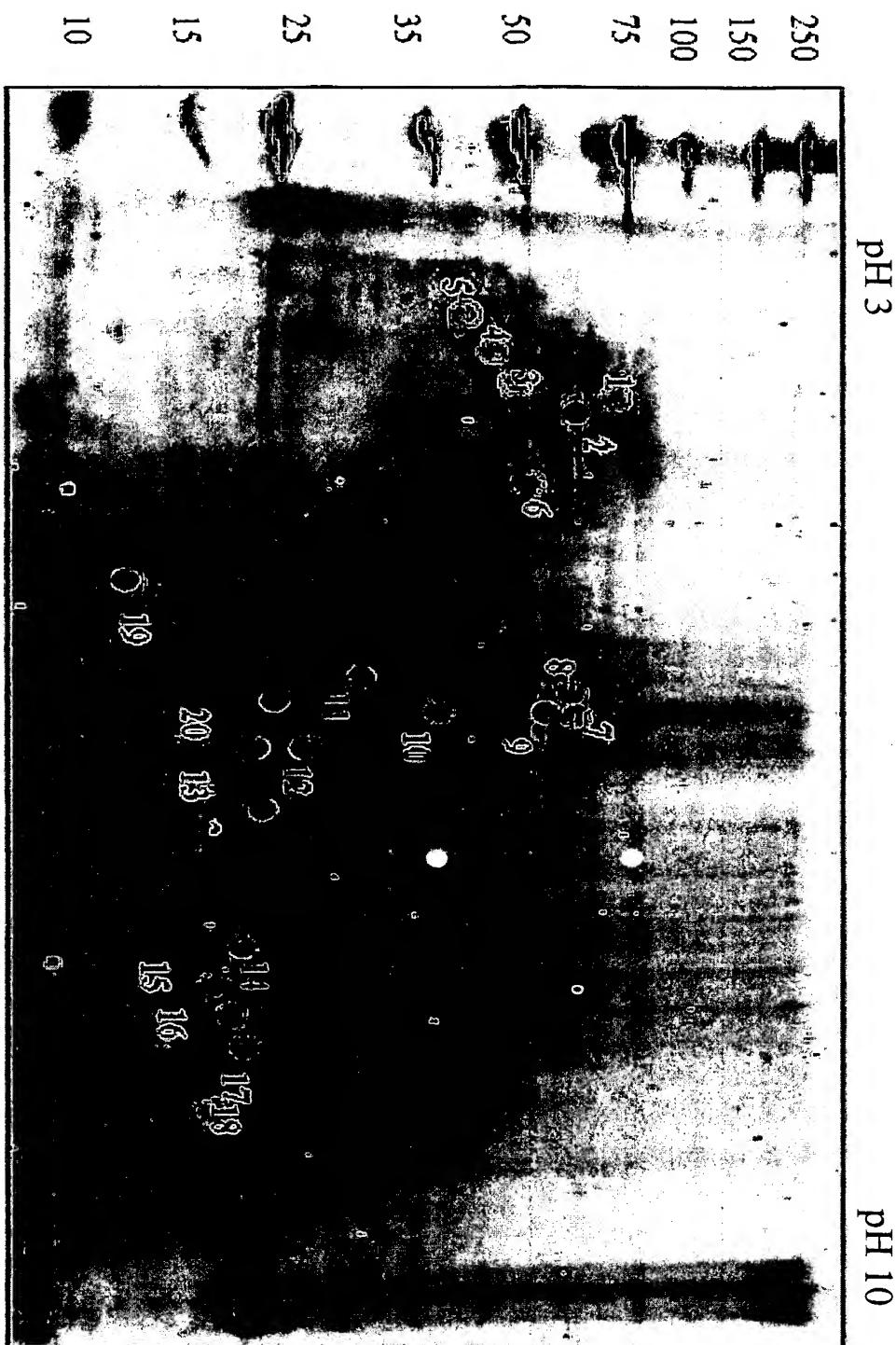
Figure 3

SDS-PAGE of Proteins (polypeptides) Isolated from CaP



BEST AVAILABLE COPY

Figure 4



Inventor: Peter GHOSH
Docket No.: 10682 00101S1

Inventor: Peter GHOSH
Docket No: 10682 00101SWO

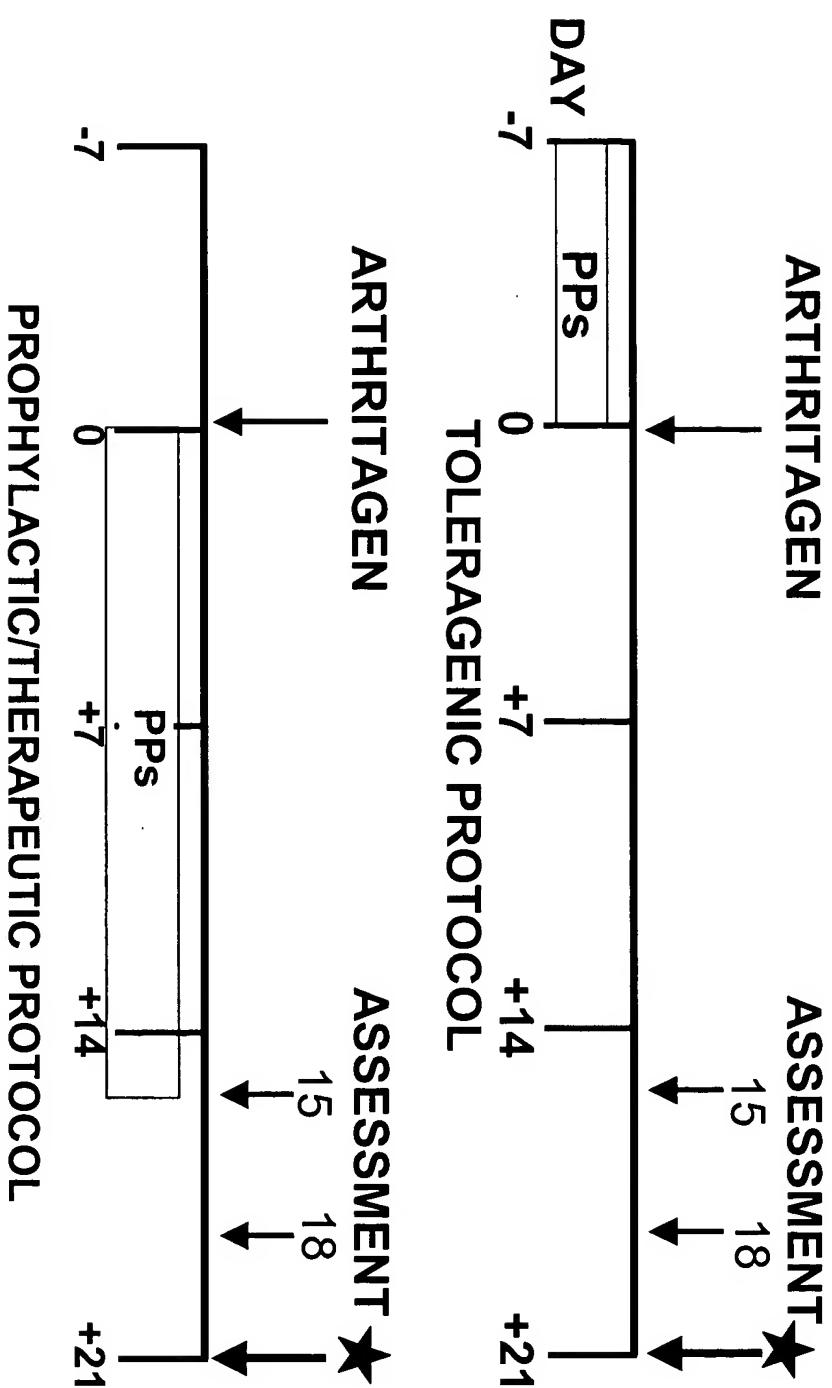
Inventor: Peter GHOSH
Docket No.: 10682.00101SWC

Inventor: Peter GHOSH
Docket No.: 10682 00101ISWO

Inventor: Peter GHOSH
Docket No.: 10682.00101SWC

Figure 5

Evaluating polypeptides (PPs) and drugs



★ sacrifice

BEST AVAILABLE COPY

FIGURE 6
H&E. Mx50

Inventor: Peter GHOSH
Docket No.: 10682.0010USWO
Title: CONNECTIVE TISSUE DERIVED POLYPEPTIDES
Attorney Name: Denise M. Kettelberger
Phone No.: 612.371.5268
Sheet 6 of 7



Paw joint from
untreated rat
CIA model
showing
massive
inflammatory
cell invasion of
bone

Cartilage
with destruction

Tol Blue. Mx50

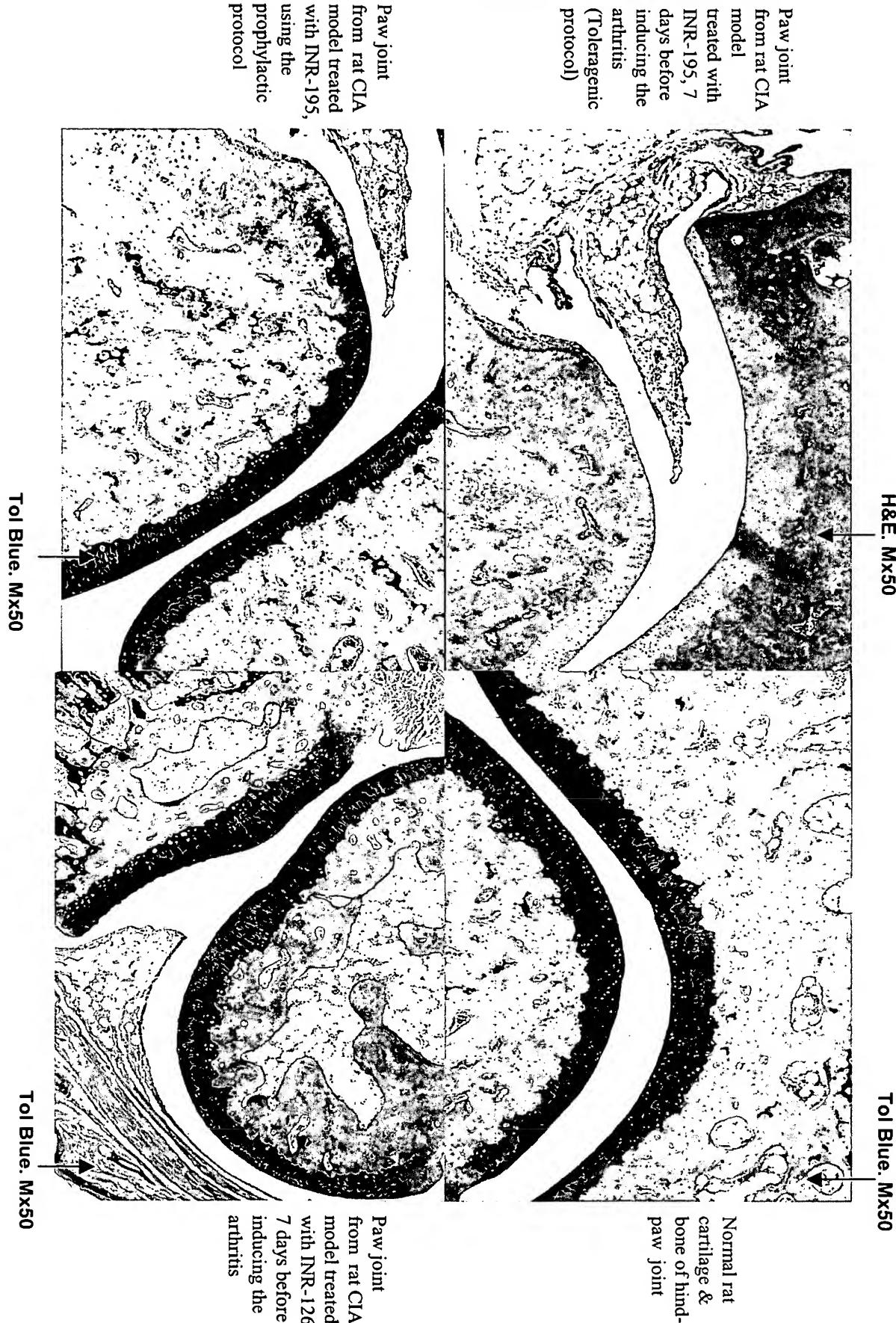
Tol Blue. Mx50

Normal rat cartilage &
bone of hind-paw joint

Tol Blue. Mx100

FIGURE 7

BEST AVAILABLE COPY



Inventor: Peter GHOSH
Docket No.: 10682.00101USWO
Title: CONNECTIVE TISSUE DERIVED POLYPEPTIDES
Attorney Name: Denise M. Kettnerberger
Phone No.: 612.371.5268
Sheet 7 of 7